

Monday, April 28

6:00 to 8:00 PM Reception

Tuesday, April 29

7:00 to 8:00 Continental Breakfast

8:00 to 9:00 AM Plenary Session

**Wetlands Restoration Workshop**  
9:00 to 9:05 Introduction of Speakers and Committee Members-- *Russell Theriot, ERDC, Director, Wetlands Research and Technology*

9:05 to 9:15 Structure of Working Group Report--*Russell Theriot, ERDC*

9:15 to 9:45 Introduction and Background--*Russell Theriot, ERDC*

9:45 to 10:00 BREAK

10:00 to 11:00 Strategic Plan--*Marian Geense,CUR, Rotterdam, Netherlands*

11:00 to 12:00 Site Characterization and Evaluation—*Dr.Nicola Meakins, Posford Duvivier Environment, London, UK.*

12:00 to 13:00 LUNCH

13:00 to 14:00 Wetland Function and Design Strategy--*Edmond Russo, USACE, New Orleans District*

14:00 to 15:30 Site Construction and Site Management--*Keita Furukawa, Port and Harbour Research Inst., Yokosuka, Japan*

15:30 to 15:45 BREAK

15:45 to 16:30 Final Remarks, Glossary, Bibliography and Case Studies--*Russell Theriot, ERDC*

16:30 to 17:00 Q & A’s

Tuesday, April 29 cont’d

Evening Boat Trip on the Willamette River, sponsored by the Port of Portland

Wednesday, April 30

7:00 to 8:00 Continental Breakfast

**Passing Vessel Issues Workshop**  
8:00 to 8:30 Welcome and Overview of Vessel Impacts--*Sandra Knight, ERDC*

Modeling of Vessel Hydrodynamics  
8:30 to 9:00 Shallow Water Modeling of Vessel Hydrodynamics--*Charlie Berger, ERDC*

9:00 to 9:30 Boussinesq Modeling of Vessel Hydrodynamics--*Okey Nwogu, U. of Michigan*

9:30 to 10:00 Navier Stokes Solutions to Ship-Ship Interaction--*Shahrouz Aliabadi, Clark-Atlanta University (invited)*

10:00 to 10:30`BREAK

Berthing and Mooring Forces  
10:30 to 11:00 Advanced Viscous Flow Computation Method for Unsteady Ship-ship Interaction--*Hamn-Ching Chen, Woei-min Lin, SAIC, Wei-Yuan Hwang, Merchant Marine Academy*

11:00 to 11:30 Mooring Study of Oakland Harbor--*Vladimir Shepsis, Pacific International Engineering, Inc.*

11:30 to 12:00 Mooring Force Analysis Methods--*Jennifer Waters, U.S. Naval Academy*

12:00 to 13:30 LUNCHEON with Speaker (TBA)

Vessel Wake Effects on Safety  
13:30 to 14:00 Ship Effects on Safety in Navigation Channels--*Steve Maynord, ERDC*

14:00 to 14:30 Effects of High Speed Ferries--*Alan Blume, USCG*

Ecological Effects  
14:30 to 15:00 Analytical Approaches to Quantify Physical Effects--*Steve Maynord, ERDC*

15:00 to 15:30 Ecological Risks Imposed by Commercial Traffic on the Upper Mississippi River--*Steve Bartell, Cadmus Group, Inc.*

15:30 to 16:00 Ecological Impacts to Fisheries--*Tom Keevin, USACE, St. Louis District*

16:00 to 16:30 Acoustics of Ship Collisions w/Marine Animals--*Ed Gerstein, Florida Atlantic U.*

Thursday, May 1

7:00 to 8:00 Continental Breakfast

8:00 to 8:30 Development of a Unified Description of Ship Generated Wave--*Dave Kriebel, U.S. Naval Academy*

8:30 to 9:00 Presentation of Terms of Reference, Working Group 27 “Guidelines for Environmental Impacts of Vessels”--*Tom Keevin, USACE, St. Louis District*

9:00 to 9:30 International Presentation--*To Be Determined*

9:30 to 10:00 International Presentation--*To Be Determined*

10:00 to 10:30 BREAK

10:00 to 12:00 Workshop Wrap-up and Discussion/ Meeting of Working Group 27

Registration Form

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Wetland Restoration Workshop —

Passing Vessel Issues Workshop —

Registration Fees include meals and Social Functions

PIANC Members:

1 Workshop	\$100	—
Both Workshops	\$175	—

Non-PIANC Members:

1 Workshop	\$200	—
Both Workshops	\$300	—

To Join PIANC:

Individual Membership	\$80	—
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Sorry, we cannot accept credit cards

Please make your check payable to U.S. Section, PIANC, and mail to 7701 Telegraph Road, Alexandria, VA 22315-3868

Online registration:  
<http://www.iwr.usace.army.mil/PIANC>

## The Venue

Workshops will be held at the Portland Marriott Downtown, situated in the “City of Roses” on the west bank of the scenic Willamette River.

1401 SW Naito Parkway

Portland, OR 97201

Phone: 503-226-7600

Or 800-228-9290

Fax: 503-221-1789

[www.portlandmarriott.com](http://www.portlandmarriott.com)

A block of rooms is being held under the name International Navigation Association (PIANC) Technical Workshops until April 7, at the rate of \$91.00. Participants should contact the hotel directly and make their reservations prior to April 7.



## Preliminary Program

U.S. Section, PIANC Technical Workshops

On

**Passing Vessel Issues**

And

**Wetlands Restoration**

April 29 – May 1, 2003

At the Portland Marriott Downtown Hotel

Portland, Oregon



<http://www.iwr.usace.army.mil/PIANC>